

# The Oasis

Saturday, Dec. 30, 1899.

## The Census Investigation of Irrigation.

A special effort will be made by the by the division of agriculture of the twelfth census of the United States to collect and tabulate important data relating to irrigation in the arid and semi-humid regions of the United States. A preliminary schedule has been prepared and will soon be sent out to obtain the names of corporations and individuals owning canals or ditches. This is one of the essential steps for securing desired information regarding the extent and value of the canals and ditches used for irrigation, and their sources of water supply.

In the preliminary schedule a request is made for the names of the principal canals or ditches in their order down stream, the ditches to the right (looking down stream) being arranged on the first page of the list, and those heading to the left on the last page. Request is also made for the name and postoffice address of some person who can give detailed information concerning each ditch.

The principal schedule now in course of preparation will be mailed to the addresses thus obtained calling for further data, which will be supplemented by detailed statistics gathered by the census enumerators.

It should be noted by all interested in the subject that these various inquiries of the census office in no way conflict with, or duplicate the work, with reference to irrigation which is being conducted by any other department of state. The most nearly related inquiry is that of the geological survey, which, like that of the census, is under the more immediate direction of Mr. F. H. Newell, the special agent for irrigation in the eleventh census, and hydrographer of the geological survey. The fact that Mr. Newell has supervision of this work in the twelfth census guarantees its efficiency and its value to the arid and semi-humid regions.

It will be readily apparent that the volume and value of this statistics will depend very largely upon the attention shown therein by those engaged in irrigation and it is earnestly hoped that all to whom the schedules are addressed will appreciate the importance of the request and make prompt and careful reply. In this way only will it be possible to make the information concerning irrigation full and complete.

In order to obtain a full understanding and an intelligent appreciation of the possible development of the arid and semi-humid regions of the west, a general knowledge of the progress actually made is of vital importance. An accurate census of irrigation will impart such general knowledge, and will be of great benefit to all those concerned in redeeming arid lands. The future development of this vast portion of our domain will be greatly advanced by a comprehensive compilation of facts relating to its irrigation such as contemplated by the twelfth census.

An editor prints his paper to give his patrons the news of the day and for the money there is in it. He is presumed to know of what he writes, and he generally knows. When he writes as he does in the Leader Courier, Osceola Mills, Pa., without fee or hope of reward, that "Chamberlain's Cough Remedy acts magically, and we have found none better in our household. If you have a cough try it," may be accepted as and honest expression, worthy of credence. For sale by L. W. Mix & Co., Druggists.

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Graduate of St. Louis College P. & S. 1890  
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THE OFFICE OF  
The Sonora Legal Consulting  
BUREAU

(Free of all charge for foreigners wishing to  
invest in Mexican enterprises) is in the  
Sandoval building, Nogales, Sonora. Apply  
to the sole manager, Mr. A. Melgarejo, attorney  
and counsellor at law.

Dr. M. Lewis Emerson,  
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## Maricopa & Phoenix R. R.

From Phoenix	TIME TABLE No. 42.	Toward Phoenix
1 A. Frt. & Pass.	STATIONS	2 A. Frt. & Pass.
8:00 P. M.	Lv. Phoenix Ar.	7:40 A. M.
8:30	Ar. Tempe Lv.	7:10
8:30	Lv. Tempe Ar.	7:00
8:55	*Kyrne.....	6:45
9:20	*Sacaton.....	6:20
9:40	Ar Maricopa Lv	6:00

No. 4.	No. 6.	Stations.	No. 2.	No. 5.
7:30 am	1:30 pm	Lv Mesa Ar	10:30 am	6:00 pm
8:00 am	2:00 pm	" Tempe "	10:00 "	5:30 "
8:30 am	2:30 pm	Ar Phenix Lv	9:30 "	5:00 "

A. Daily  
\* Trains stop on signal.  
N. K. MASTEN, President.  
B. F. PORTER, Gen'l Supt.  
F. B. SANFORD, G. F. & P. Agt.  
General offices, Phoenix, Arizona.

## SOUTHERN PACIFIC CO'S TRAINS LEAVE BENSON:

7:50 A. M. Daily mixed train for Willcox, Lordsburg, Deming, El Paso and intermediate stations.  
8:39 P. M. Daily, mixed train for Willcox, Lordsburg, Deming, El Paso and intermediate points.  
4:57 P. M. Daily, Pacific Express for all points in California, Oregon, Washington and Nevada.  
9:01 A. M. Daily, Atlantic Express for Willcox, Lordsburg, Deming, El Paso, San Antonio, Houston and New Orleans.  
7:31 A. M. Daily, Mixed train for Yuma, Maricopa, Tucson and intermediate stations.  
9:01 A. M. Daily mixed train, to Tucson only.  
T. H. GOODMAN, Gen. Pass Agt.  
RICHARD GRAY, Gen. Traffic Manager.

## TORRES & PRIETAS R'Y.

TIME SCHEDULE NO. 6.  
Train No. 1 leaves La Colorado at 6:30 a. m., arrives at Torres at 7:15 a. m.  
Train No. 2 leaves Torres at 8:30 a. m., arrives at La Colorado at 9:15 a. m.  
Train No. 3 leaves La Colorado at 3 p. m., arrives at Torres at 3:45 p. m.  
Train No. 4 leaves Torres at 7:30 p. m., arrives at La Colorado at 8:15 p. m.  
All trains on this card connect with Sonora railway trains for Nogales and Guaymas. Telegraph communication exists with Prietas and La Colorado and with all telegraph lines. Rates, thirty cents Mexican money, for 10 words and 3 cents each extra word. Passenger rates to La Colorado and vice versa \$1.25 first class, and 1.00 Mexican money, second class.  
The Torres & Prietas railway is the best route for Ures, Matape and the Yaqui river. Passengers can hire coaches from La Colorado for above named districts with a reliable driver who is well acquainted with these districts.  
Wells, Fargo & Co., carry all express matter on Torres & Prietas railway, through rates from all parts of the United States and Mexico.  
Freight can be consigned to F. H. Seymour or Torres & Prietas railway, Torres, for La Colorado, Minas Prietas, Ures, Matape, and other points in that district, who will pay advance charges and forward same free of commission or brokerage.  
F. H. SEYMOUR, Proprietor and President.

## New Mex. & Ariz. & Son. Ry.

New daily Passenger Train service through between Benson and Guaymas.

South	STATIONS.	North
5:30 P. M.	Lv. Benson. Ar.	8:10 A. M.
6:17	Fairbank.	7:17
6:50	Huachuca.	6:49
6:50	Crittenden.	5:35
9:15	x Nogales. x	4:20
12:33 A. M.	Imuris.	1:50
1:15	Magdalena.	1:15
1:47	Santa Ana.	12:45
2:22	Llano.	12:11
3:18	Querobabi.	11:18
4:20	x Carbo. x	10:20
5:58	Pesqueira.	9:18
6:05	Hermosillo.	8:25
7:25	Torres.	7:17
9:06	Ortiz.	5:35
10:25	Ar. Guaymas. Lv.	4:20 P. M.

x Dining Stations.  
Pullman Sleepers are attached to these trains.  
Connections made at Benson, Ariz., with the Southern Pacific Co. Southern Pacific Company's eastbound train No. 19 arrives at Benson at 3:15 a. m., and westbound train No. 30 at 12:35 a. m. Southbound passengers can take sleeper any time after it arrives from the south at 11:45 p. m. Northbound passengers are allowed to remain in the sleeper at Benson until arrival of Southern Pacific train No. 10.  
Trains make connection at Torres with Torres & Prietas Railroad, leaving at 11:30 a. m. and 7 p. m. daily for Colorado and Minas Prietas.  
Close connection is made at Guaymas with Pacific Coast Steamship Company's steamer "Orizaba" sailing the 11h of each month for Altata, Mazatlan, Cape St. Lucas, Magdalena Bay and Ensenada; and with the Occidental Railroad Company's Steamship line of steamers sailing June 10th and 30th, July 20, August 10 and 30, September 20, October 10 and 30, November 20, and December 10 and 30, for La Paz, Altata, Mazatlan, San Blas, Manzanillo, Acapulco, Puerto Angel, Salina Cruz, Tonala, and San Benito.  
For particulars address  
J. A. NAUGLE,  
General Pass. Agt., Guaymas, Sonora, Mex

## Arizona & Southeastern R R

Northward	TIME TABLE No. 10. October 15th, 1898.	Southward.
Train No 1. MIXED.	STATIONS.	Train No 2 MIXED.
First Class.		First Class.
Daily exc'pt Sunday.		Daily exc'pt Sunday.
6:00 A. M.	Lv. Bisbee. Ar.	1:30 P. M.
6:05	*...South Bisbee...	1:22
6:12	*...Don Luis.....	1:10
6:22	*...Packard.....	12:45
6:32	*...Banning.....	12:25
7:07	*...Water Tank.....	12:05
7:22	*...Charleston.....	11:45
7:40	Ar Fairbank Lv	11:25
7:45	Lv } Ar	11:15
	N. M. & A. Crossing	
7:55	*...Contention.....	11:00
8:10	*...Land.....	
8:50 P. M.	Ar. Benson. Lv	10:06

Pacific Time.  
Flag Stations Stops or Signal  
BEN WILLIAMS Superintendent

### SEND NO MONEY

WITH YOUR ORDER, cut this ad. out and send to us and we will send you OUR HIGH GRADE DROP CABINET BURDICK SEWING MACHINE by freight, C. O. D., subject to examination. You can examine it at your nearest freight depot and if found perfectly satisfactory, exactly as represented, equal to machines others sell as high as \$60.00, and THE GREATEST BARGAIN YOU EVER HEARD OF, pay Special Offer Price \$15.50 and freight charges. Machine weighs 130 pounds and the freight will average 75 cents for each 500 miles. GIVE IT THREE MONTHS' TRIAL in your own home, and we will return your \$15.50 any day you are not satisfied. We sell different makes and grades of Sewing Machines at \$8.50, \$10.00, \$11.00, \$12.00 and up, all fully described in our Free Sewing Machine Catalogue, but \$12.50 for this DROP CABINET BURDICK is the greatest value ever offered by any house.

### BEWARE OF IMITATIONS

by unknown concerns who copy our advertisements, offering unknown machines under various names, with various documents. Write some friend in Chicago and learn who are reliable and who are not. has every MODERN IMPROVEMENT, EVERY GOOD POINT OF EVERY HIGH GRADE MACHINE MADE, WITH THE DEFECTS OF NONE. Made by the best makers in America, from the best material money can buy.

### SOLID QUARTER SAWED OAK DROP CABINET, piano polished, closed (head dropping from sight) to be used as a center table, stand or desk, the other open with full length table and head in place for sewing, 4 fancy drawers, latest 1899 skeleton frame, carved, paneled, embossed and decorated cabinet finish, finest nickel drawer pulls, rests on four casters, adjustable treadle, genuine Smyth iron stand. Finest large High Arm head, positive four motion feed, self threading vibrating shuttle, automatic bobbin winder, adjustable bearings, patent tension liberator, improved loose wheel, adjustable pressure foot, improved shuttle carrier, patent needle bar, patent dress guard, head is handsomely decorated and ornamented and beautifully nickel trimmed. GUARANTEED the lightest running, most durable and nearest noiseless machine made. Every known attachment is furnished and our Free Instruction Book tells just how anyone can run it and do either plain or any kind of fancy work. A 30-Years' Binding Guarantee is sent with every machine. IT COSTS YOU NOTHING to see and examine this machine, compare it with those your storekeeper sells at \$40.00 to \$50.00, and then if convinced that you are saving \$25.00 to \$40.00, pay your freight agent the \$15.50. WE TO RETURN YOUR \$15.50 if at any time within three months you are not satisfied. ORDER TO-DAY. DON'T DELAY. (Bears, Roebuck & Co. are thoroughly reliable.—Editor.) Address, **SEARS, ROEBUCK & CO. (Inc.)** Chicago, Ill.

This illustration shows the machine open, ready for use. The price tag is prominently displayed.